- 11. An apparatus of providing a haptic effect using a plurality of vibrators in a portable terminal, the apparatus comprising:
 - a user input unit in which user's input information is generated:
 - a vibration strength determination unit determining a vibration strength level of each of the vibrators according to the user's input information; and
 - a control unit generating vibration according to the determined vibration strength via each of the vibrators.
- 12. The apparatus of claim 11, wherein the input information of the user input unit comprises at least one of a user's input position and relative distance between the user's input position and each of the vibrators.
- 13. The apparatus of claim 12, wherein the user input unit detects a position of a screen touched by the user or a position of a keypad activated by the user.
- 14. The apparatus of claim 12, wherein the vibration strength determination unit determines vibration strength level of the respective vibrators are determined depending on the relative distance between the user's input position and the respective vibrators.
- 15. The apparatus of claim 12, wherein the vibration strength determination unit detects a duration that the user's input, and determines the vibration strength level of each of the vibrators according to the relative distance information and the duration of the user input.

- 16. The apparatus of claim 11, wherein the user input unit detects a shifted input position whenever the user input is shifted and provides the shifted input position to the vibration strength determination unit.
- 17. The apparatus of claim 11, wherein, in a vehicle driving game, the vibration strength determination unit changes vibration strengths of the respective vibrators according to a change in the center of gravity or a magnitude of centrifugal force exerted on an object according to a corning direction of the object.
- 18. The apparatus of claim 11, wherein, in an obstacle avoiding game, the vibration strength determination unit changes vibration strength level of the respective vibrators in sequence according to a first position and a second position of a user's input to simulate avoiding an obstacle.
- 19. The apparatus of claim 11, wherein, in a bouncing objects game, the vibration strength determination unit generates a stronger vibration for each of the vibrators as the duration is longer.
- 20. The apparatus of claim 11, wherein the vibration strength determination unit detects a plurality of user's touches in a rotation manner; and generates a rapid vibration on each of the vibrators when a gap between the plurality of user's touches is smaller and generating a slower vibration on each of the vibrators when a gap between the plurality of user's touches is larger.

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